

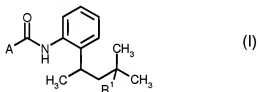
## AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-18 (canceled)

Claim 19 (currently amended): A synergistic fungicidal active compound combination comprising

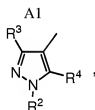
(1) a carboxamide of the formula (I) (group 1)



in which

$\text{R}^1$  represents hydrogen,

A represents a radical A1



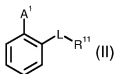
$\text{R}^2$  represents methyl,

$\text{R}^3$  represents methyl, and

$\text{R}^4$  represents fluorine ,

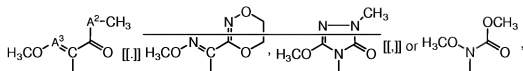
and at least one active compound selected from groups (2), (3), (5), (6), (8), (9), (11), (12), (14), (16), (17), and (19) to (22), and (24)

(2) a strobilurin of formula (II)



in which

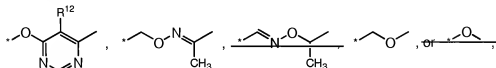
A<sup>1</sup> represents one of the groups



A<sup>2</sup> represents NH or O,

A<sup>3</sup> represents N or CH,

L represents one of the groups

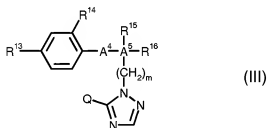


where the bond marked with an asterisk (\*) is attached to the phenyl ring of formula (II),

R<sup>11</sup> represents phenyl, or phenoxy, or pyridinyl, each of which is optionally mono- or disubstituted by identical or different substituents selected from the group consisting of chlorine, cyano, methyl, and trifluoromethyl; or represents 1-(4-chlorophenyl)-pyrazol-3-yl; or represents 1,2-propanedione-bis(O-methylexime)-1-yl; and

R<sup>12</sup> represents hydrogen or fluorine;

(3) a triazole of formula (III)



in which

Q represents hydrogen or SH,

m represents 0 or 1,

R<sup>13</sup> represents hydrogen, fluorine, chlorine, phenyl, or 4-chlorophenoxy,

R<sup>14</sup> represents hydrogen or chlorine,

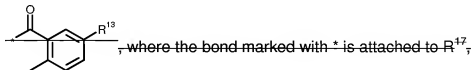
A<sup>4</sup> represents a direct bond, -CH<sub>2</sub>-, -(CH<sub>2</sub>)<sub>2</sub>-, or -O-; or represents

\*-CH<sub>2</sub>-CH(R<sup>17</sup>)- or \*-CH=CR<sup>17</sup>-, where the bond marked with \* is attached to

the phenyl ring of formula (III) and  $R^{15}$  and  $R^{17}$  together represent  $-\text{CH}_2-\text{CH}_2-\text{CH}[\text{CH}(\text{CH}_3)_2]-$  or  $-\text{CH}_2-\text{CH}_2-\text{C}(\text{CH}_3)_2-$ .

$A^5$  represents C or Si (silicon), or

$A^4$  represents  $-\text{N}(R^{17})-$  and  $A^5$  together with  $R^{15}$  and  $R^{16}$  represents the group  $\text{C}=\text{N}-R^{18}$  and  $R^{17}$  and  $R^{18}$  together represent the group



$R^{15}$  represents hydrogen, hydroxyl, or cyano,

$R^{16}$  represents 1-cyclopropylethyl, 1-chlorocyclopropyl,  $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_6$ -hydroxyalkyl,  $\text{C}_1$ - $\text{C}_4$ -alkylcarbonyl,  $\text{C}_1$ - $\text{C}_2$ -haloalkoxy- $\text{C}_1$ - $\text{C}_2$ -alkyl, trimethylsilyl- $\text{C}_1$ - $\text{C}_2$ -alkyl, monofluorophenyl, or phenyl, or

$R^{15}$  and  $R^{16}$  together represent  $-\text{O}-\text{CH}_2-\text{CH}(R^{18})-\text{O}-$ ,  $-\text{O}-\text{CH}_2-\text{CH}(R^{18})-\text{CH}_2-$ , or  $-\text{O}-\text{CH}-(2\text{-chlorophenyl})-$ , and

$R^{18}$  represents hydrogen,  $\text{C}_1$ - $\text{C}_4$ -alkyl, or bromine;

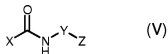
(5) a valinamide selected from the group consisting of

(5-1) iprovalicarb, and

(5-2)  $N^6$ -[2-(4-[[3-(4-chlorophenyl)-2-propynyl]oxy]-3-methoxyphenyl)ethyl]- $N^6$ -(methylsulphonyl)-D-valinamide, and

(5-3) benthiavalicarb;

(6) a carboxamide of formula (V)



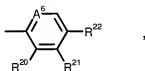
in which

X represents 2-chloro-3-pyridinyl; represents 1-methylpyrazol-4-yl that is substituted in the 3-position by methyl or trifluoromethyl and in the 5-position by hydrogen or chlorine; represents 4-ethyl-2-ethylamino-1,3-thiazol-5-yl; represents 1-methyl-cyclohexyl; or represents 2,2-dichloro-1-ethyl-3-methylcyclopropyl; represents 2-fluoro-2-propyl; represents 3,4-dichloroisothiazol-5-yl, 5,6-dihydro-2-methyl-1,4-oxathiin-3-yl, 4-methyl-

1,2,3-thiadiazol-5-yl, 4,5-dimethyl-2-trimethylsilylthiophen-3-yl, or 1-methylpyrrol-3-yl that is substituted in the 4-position by methyl or trifluoromethyl and in the 5-position by hydrogen or chlorine,

Y represents a direct bond; or represents C<sub>1</sub>-C<sub>6</sub>-alkanedyl (alkylene) that is optionally substituted by chlorine, cyano, or oxo; represents thiophenediyl; or represents C<sub>2</sub>-C<sub>6</sub>-alkenediyl (alkenylene) ,

Z represents hydrogen; represents C<sub>1</sub>-C<sub>6</sub>-alkyl; or represents the group



in which

A<sup>6</sup> represents CH or N,

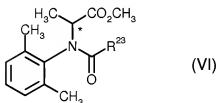
R<sup>20</sup> represents hydrogen, chlorine, phenyl that is optionally mono- or disubstituted by identical or different substituents selected from the group consisting of chlorine and di(C<sub>4</sub>-C<sub>8</sub>-alkyl)aminocarbonyl; or represents cyano or C<sub>1</sub>-C<sub>6</sub>-alkyl,

R<sup>21</sup> represents hydrogen or chlorine, or and

R<sup>20</sup> and R<sup>21</sup> together represent \*CH(CH<sub>3</sub>)CH<sub>2</sub>C(CH<sub>3</sub>)<sub>2</sub> or \*CH(CH<sub>3</sub>)O-C(CH<sub>3</sub>)<sub>2</sub> where the bond marked with \* is attached to R<sup>20</sup>, and

R<sup>22</sup> represents hydrogen, chlorine, hydroxyl, methyl, or trifluoromethyl; or represents di(C<sub>4</sub>-C<sub>8</sub>-alkyl)aminocarbonyl;

(8) an acylalanine of formula (VI)

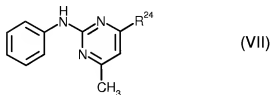


in which

\* marks a carbon atom in the R or the S configuration, and

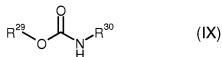
R<sup>23</sup> represents benzyl [[,]] furyl, or methoxymethyl;

- (9) an anilinopyrimidine of formula (VII)



in which R<sup>24</sup> represents methyl, or cyclopropyl ~~[[,]] or 1-propynyl~~ ;

- (11) a carbamate of formula (IX)



or a salt thereof,

in which

R<sup>29</sup> represents n- or isopropyl, and

R<sup>30</sup> represents di(C<sub>1</sub>-C<sub>2</sub>-alkyl)amino-C<sub>2</sub>-C<sub>4</sub>-alkyl ~~or diethoxyphenyl~~,

- (12) a dicarboximide selected from the group consisting of

~~(12-1) captafol,~~

~~(12-2) captan,~~

~~(12-3) folpet,~~

(12-4) iprodione,

~~(12-5) procymidone, or~~

~~(12-6) vinclozolin;~~

- (14) an imidazole selected from the group consisting of

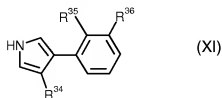
~~(14-1) cyazofamid,~~

(14-2) prochloraz, and

(14-3) triazoxide, and

~~(14-4) pefurazoate;~~

- (16) a pyrrole of formula (XI)



in which

R<sup>34</sup> represents chlorine or cyano,

R<sup>35</sup> represents chlorine or nitro, and

R<sup>36</sup> represents chlorine, or

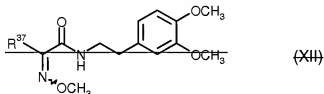
R<sup>35</sup> and R<sup>36</sup> together represent -O-CF<sub>2</sub>-O-;

(17) a phosphonate selected from the group consisting of known as

(17-1) fosetyl-Al, and

(17-2) phosphonic acid;

(18) ~~a phenylethanamide of formula (XII)~~



in which R<sup>37</sup> represents unsubstituted or fluorine, chlorine, bromine, methyl, or ethyl-substituted phenyl, 2-naphthyl, 1,2,3,4-tetrahydronaphthyl, or indanyl;

(19) a fungicide selected from the group consisting of

(19-1) ~~acibenzolar-S-methyl,~~

(19-3) ~~cymoxanil,~~

(19-4) ~~edifenphos,~~

(19-5) ~~famoxadone,~~

(19-6) ~~fluazinam,~~

(19-7) ~~copper-oxychloride,~~

(19-8) ~~copper-hydroxide,~~

(19-9) ~~oxadixyl,~~

(19-10) spiroxamine, and

(19-11) ~~dithianon,~~

(19-12) ~~metrafenone,~~

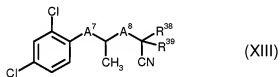
(19-13) ~~fenamidone,~~

(19-14) ~~2,3-dibutyl-6-chlorothieno[2,3-d]pyrimidin-4(3H)-one,~~

(19-15) ~~probenazole,~~

(19-16) ~~isoprothiolane,~~

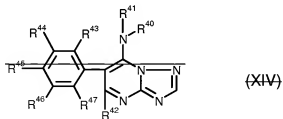
- (19-17) kasugamycin;  
 (19-18) phthalide;  
 (19-19) ferimzone;  
 (19-20) tricyclazole;  
 (19-21) N-((4-((cyclopropylamino)carbonyl)phenyl)sulphonyl)-2-methoxybenzamide; and  
 (19-22) 2-(4-chlorophenyl)-N-{2-[3-methoxy-4-(prop-2-yn-1-yloxy)phenyl]ethyl}-2-(prop-2-yn-1-yloxy)acetamide;  
 (20) a (thio)urea derivative selected from the group consisting of known as  
 (20-1) pencycuron,  
 (20-2) thiophanate-methyl, and  
 (20-3) thiophanate-ethyl;  
 (21) an amide of formula (XIII)



in which

- $A^7$  represents a direct bond or -O-,  
 $A^8$  represents -C(=O)NH- or -NHC(=O)-,  
 $R^{38}$  represents hydrogen or C<sub>1</sub>-C<sub>4</sub>-alkyl, and  
 $R^{39}$  represents C<sub>1</sub>-C<sub>6</sub>-alkyl;

- (22) a triazolopyrimidine of formula (XIV) selected from the group consisting of



in which

- $R^{40}$  represents C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>2</sub>-C<sub>6</sub>-alkenyl,  
 $R^{41}$  represents C<sub>1</sub>-C<sub>6</sub>-alkyl, or

R<sup>40</sup> and R<sup>41</sup> together represent C<sub>4</sub>-C<sub>5</sub>-alkanediyl (alkylene) that is mono- or disubstituted by C<sub>1</sub>-C<sub>6</sub>-alkyl;

R<sup>42</sup> represents bromine or chlorine;

R<sup>43</sup> and R<sup>47</sup> independently of one another represent hydrogen, fluorine, chlorine, or methyl;

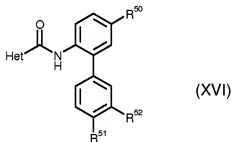
R<sup>44</sup> and R<sup>46</sup> independently of one another represent hydrogen or fluorine; and

R<sup>45</sup> represents hydrogen, fluorine or methyl;

(22-1) 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine-7-amine, and

(22-2) 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine-7-amine; and

(24) a biphenylcarboxamide of formula (XVI)



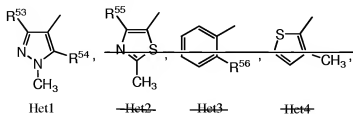
in which

R<sup>50</sup> represents hydrogen or fluorine,

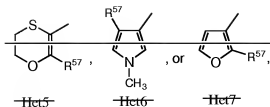
R<sup>51</sup> represents fluorine, chlorine, bromine, methyl, trifluoromethyl, trifluoromethoxy, -CH=N-OMe, or -C(Me)=N-OMe,

R<sup>52</sup> represents hydrogen, fluorine, chlorine, bromine, methyl, or trifluoromethyl,

Het represents one of the radicals radical Het1 to Het7







$R^{53}$  represents iodine, methyl, difluoromethyl, or trifluoromethyl,

$R^{54}$  represents hydrogen, fluorine, chlorine, or methyl, and

$R^{55}$  represents methyl, difluoromethyl, or trifluoromethyl [[.]] .

$R^{56}$  —represents chlorine, bromine, iodine, methyl, difluoromethyl, or trifluoromethyl, and

$R^{57}$  —represents methyl or trifluoromethyl.

Claim 20 (canceled)

Claim 21 (currently amended): A synergistic fungicidal active compound combination according to Claim 19 where the active compound of groups (2), (3), (5), (6), (8), (9), (11), (12), (14), (16), (17), and (19) to (22), and (24) is one or more compounds selected from the group consisting of

- (2-1) azoxystrobin,
- (2-2) fluoxastrobin,
- (2-3) (2*E*)-2-(2-[[6-(3-chloro-2-methylphenoxy)-5-fluoro-4-pyrimidinyl]oxy]phenyl)-2-(methoxyimino)-*N*-methylethanamide,
- (2-4) trifloxystrobin,
- (2-5) (2*E*)-2-(methoxyimino)-*N*-methyl-2-(2-[[[(1*E*)-1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]phenyl)ethanamide,
- (2-6) (2*E*)-2-(methoxyimino)-*N*-methyl-2-[2-[(*E*)-({1-[3-(trifluoromethyl)phenyl]ethoxy}imino)methyl]phenyl]ethanamide,
- ~~(2-7) orysastrobin,~~
- ~~(2-8) 5-methoxy-2-methyl-4-(2-[[[(1*E*)-1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]phenyl)-2,4-dihydro-3*H*-1,2,4-triazol-3-one,~~
- (2-9) kresoxim-methyl,

(2-10) dimoxystrobin,  
(2-11) picoxystrobin,  
(2-12) pyraclostrobin,  
~~(2-13) metominostrobin,~~  
(3-1) azaconazole,  
(3-2) etaconazole,  
(3-3) propiconazole,  
~~(3-4) difenoconazole,~~  
~~(3-5) bromuconazole,~~  
~~(3-6) cyproconazole,~~  
~~(3-7) hexaconazole,~~  
~~(3-8) penconazole,~~  
~~(3-9) myclobutanil,~~  
~~(3-10) tetraconazole,~~  
~~(3-11) flutriafol,~~  
(3-12) epoxiconazole,  
~~(3-13) flusilazole,~~  
~~(3-14) simeconazole,~~  
(3-15) prothioconazole,  
(3-16) fenbuconazole,  
(3-17) tebuconazole,  
~~(3-18) ipconazole,~~  
~~(3-19) metconazole,~~  
~~(3-20) triticonazole,~~  
(3-21) bitertanol,  
(3-22) triadimenol,  
(3-23) triadimefon,  
~~(3-24) fluquinconazole,~~  
~~(3-25) quineconazole,~~  
(5-1) iprovalicarb,

(5-3) benthiavalicarb,  
~~(6-1) 2-chloro-N-(1,1,3-trimethylindan-4-yl)nicotinamide,~~  
 (6-2) boscalid,  
~~(6-3) furametpyr,~~  
~~(6-4) N-(3-p-tolylthiophen-2-yl)-1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxamide,~~  
~~(6-5) ethabexam,~~  
 (6-6) fenhexamid,  
 (6-7) carpropamid,  
~~(6-8) 2-chloro-4-(2-fluoro-2-methylpropionylamino)-N,N-dimethylbenzamide,~~  
 (6-11) 3,4-dichloro-N-(2-cyanophenyl)isothiazole-5-carboxamide,  
~~(6-12) carboxin,~~  
 (6-14) pen thiopyrad,  
~~(6-15) silthiofam,~~  
 (6-16) *N*-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-4-(trifluoromethyl)-1*H*-pyrrole-3-carboxamide,  
 (8-1) benalaxyl,  
~~(8-2) furalaxyl,~~  
 (8-3) metalaxyl,  
 (8-4) metalaxyl-M,  
 (8-5) benalaxyl-M,  
 (9-1) cyprodinil,  
~~(9-2) mepanipyrim,~~  
 (9-3) pyrimethanil,  
~~(11-1) diethofencarb,~~  
 (11-2) propamocarb,  
 (11-3) propamocarb-hydrochloride,  
 (11-4) propamocarb-fosetyl,  
~~(12-1) captafol,~~  
~~(12-2) captan,~~

~~(12-3) folpet,~~  
 (12-4) iprodione,  
~~(12-5) procymidone,~~  
~~(12-6) vinclozolin,~~  
~~(14-1) cyazofamid,~~  
 (14-2) prochloraz,  
 (14-3) triazoxide,  
~~(14-4) pefurazoate,~~  
 (16-1) fenpiclonil,  
 (16-2) fludioxonil,  
 (16-3) pyrrolnitrin,  
 (17-1) fosetyl-Al,  
~~(17-2) phosphonic acid,~~  
~~(18-1) 2-(2,3-dihydro-1H-inden-5-yl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-2-(methoxyimino)acetamide,~~  
~~(18-2) N-[2-(3,4-dimethoxyphenyl)ethyl]-2-(methoxyimino)-2-(5,6,7,8-tetrahydronaphthalen-2-yl)acetamide,~~  
~~(18-3) 2-(4-chlorophenyl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-2-(methoxyimino)-acetamide,~~  
~~(18-4) 2-(4-bromophenyl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-2-(methoxyimino)-acetamide,~~  
~~(18-5) 2-(4-methylphenyl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-2-(methoxyimino)-acetamide,~~  
~~(18-6) 2-(4-ethylphenyl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-2-(methoxyimino)-acetamide,~~  
~~(19-1) acibenzolar-S-methyl,~~  
~~(19-3) cymoxanil,~~  
~~(19-4) edifenphos,~~  
~~(19-5) famoxadone,~~  
~~(19-6) fluazinam,~~

~~(19-7) copper oxychloride,~~  
~~(19-9) oxadixyl,~~  
~~(19-10) spiroxamine,~~  
~~(19-11) dithianon,~~  
~~(19-12) metrafenone,~~  
~~(19-13) fenamidone,~~  
~~(19-14) 2,3-dibutyl-6-chlorothieno[2,3-d]pyrimidin-4(3H)-one,~~  
~~(19-15) probenazole,~~  
~~(19-16) isoprothiolane,~~  
~~(19-17) kasugamycin,~~  
~~(19-18) phthalide,~~  
~~(19-19) ferimzone,~~  
~~(19-20) trieyelazole,~~  
~~(19-21) N-({4-[(cyclopropylamino)carbonyl]phenyl}sulphonyl)-2-methoxybenzamide,~~  
~~(19-22) 2-(4-chlorophenyl)-N-[2-[3-methoxy-4-(prop-2-yn-1-yloxy)phenyl]ethyl]-2-(prop-2-yn-1-yloxy)acetamide,~~  
~~(20-1) pencycuron,~~  
~~(20-2) thiophanate-methyl,~~  
~~(20-3) thiophanate-ethyl,~~  
~~(21-1) fenoxanil,~~  
~~(21-2) diclofomet,~~  
~~(22-1) 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine-7-amine,~~  
~~(22-2) 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo-[1,5-a]pyrimidine-7-amine,~~  
~~(22-3) 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo-[1,5-a]pyrimidine,~~  
~~(22-4) 5-chloro-6-(2,4,6-trifluorophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]-pyrimidine,~~

- (24-1) *N*-(3',4'-dichloro-5-fluoro-1,1'-biphenyl-2-yl)-3-(difluoromethyl)-1-methyl-1*H*-pyrazole-4-carboxamide,
- (24-2) 3-(difluoromethyl)-*N*-{3'-fluoro-4'-[(*E*)-(methoxyimino)methyl]-1,1'-biphenyl-2-yl}-1-methyl-1*H*-pyrazole-4-carboxamide,
- (24-3) 3-(trifluoromethyl)-*N*-{3'-fluoro-4'-[(*E*)-(methoxyimino)methyl]-1,1'-biphenyl-2-yl}-1-methyl-1*H*-pyrazole-4-carboxamide, and
- (24-4) *N*-(3',4'-dichloro-1,1'-biphenyl-2-yl)-5-fluoro-1,3-dimethyl-1*H*-pyrazole-4-carboxamide,
- ~~(24-5) *N*-(4'-chloro-3'-fluoro-1,1'-biphenyl-2-yl)-2-methyl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide;~~
- ~~(24-6) *N*-(4'-chloro-1,1'-biphenyl-2-yl)-4-(difluoromethyl)-2-methyl-1,3-thiazole-5-carboxamide;~~
- ~~(24-7) *N*-(4'-bromo-1,1'-biphenyl-2-yl)-4-(difluoromethyl)-2-methyl-1,3-thiazole-5-carboxamide; and~~
- ~~(24-8) 4-(difluoromethyl)-2-methyl-*N*-[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]-1,3-thiazole-5-carboxamide .~~

Claims 22-29 (canceled)

Claim 30 (previously presented): A method comprising applying an effective amount of an active compound combination according to Claim 19 to seed.

Claim 31 (previously presented): Seed treated with a synergistic fungicidal active compound combination according to Claim 19.

Claim 32 (previously presented): A method of controlling phytopathogenic fungi comprising applying an effective amount of one or more active compound combinations according to Claim 19 to the phytopathogenic fungi and/or their habitat and/or seed for which such control is desired.

Claim 33 (previously presented): A method of protecting transgenic plants from phyto-pathogenic fungi comprising applying an effective amount of an active compound combination according to Claim 19 to the transgenic plants and/or their habitat.

Claim 34 (previously presented): A method according to Claim 30 wherein the seed is the seed of a transgenic plant.

Claim 35 (previously presented): A process for preparing fungicidal compositions comprising mixing one or more active compound combinations according to Claim 19 with one or more extenders and/or surfactants.